

CLAIMS

1. A data processing method for creating an executable file by combining a plurality of run units, the method comprising the steps of:

reading a first run unit to be added to the executable file;

locating a first data entity set to a first string value in the first run unit;

matching the first data entity with a second data entity set to a second string value, the second data entity being from a second run unit previously added to the executable file; and

adding the first run unit to the executable file but without the first data entity.

2. A method of claim 1 wherein the step of matching matches the first data entity with the second data entity if the first string value and second string value are identical.

3. A method of claim 1 wherein the step of matching matches the first data entity with the second data entity if the second string value contains the first string value.

4. A method of claim 3 further comprising the steps:

reading a third run unit to be added to the executable file, wherein the third run unit contains a third data entity of a third string value;

matching the first data entity with the third data entity wherein a match is found if the third string value contains the first string value;

removing the first data entity from the executable file; and

adding the third data entity to the executable file;

5. A method of any preceding claim wherein the step of locating a first data entity comprises the steps of:

locating two or more data entities in the first run unit; and

creating the first data entity from the two or more date entities.

5 6. A method of any preceding claim wherein the step of locating a data entity locates data entities using a key value by which the data entity is marked.

7. A data processing apparatus for creating an executable file by combining a plurality of run units, the apparatus comprising:

10 means for reading a first run unit to be added to the executable file;

15 means for locating a first data entity set to a first string value in the first run unit;

 means for matching the first data entity with a second data entity set to a second string value, the second data entity being from a second run unit previously added to the executable file; and

20 means for adding the first run unit to the executable file but without the first data entity.

25 8. An apparatus of claim 7 wherein the means for matching matches the first data entity with the second data entity if the first string value and second string value are identical.

30 9. An apparatus of claim 7 wherein the means for matching matches the first data entity with the second data entity if the second string value contains the first string value.

10. An apparatus of claim 9 further comprising:

35 means for reading a third run unit to be added to the executable file, wherein the third run unit contains a third data entity of a third string value;

 means for matching the first data entity with the third data entity wherein a match is found if the third string value contains the first string value;

40 means for removing the first data entity from the executable file; and

means for adding the third data entity to the executable file;

11. An apparatus of any one of claims 7 to 10 wherein the means for locating a first data entity further comprises:

means for locating two or more data entities in the first run unit;
and

means for creating the first data entity from the two or more data entities.

12. An apparatus of any one of claims 7 to 11 wherein the means for locating a data entity locates data entities using a key value by which the data entity is marked.

13. A computer program product comprising instructions which, when executed on a data processing host, cause the data processing host to carry out a method as claimed in any one of claims 1 to 6.